

Listing of Claims:

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1. (currently amended) An actuator for a window lift mechanism, said actuator comprising:
 - an output shaft for driving said mechanism;
 - an output gear coupled to said output shaft; and
 - a plurality of motors coupled to said output gear for simultaneously driving, said ~~plurality of motors configured to simultaneously drive~~ said output gear and said output shaft.
2. (original) An actuator according to claim 1, wherein each of said motors is coupled to said output gear by an associated gear train.
3. (original) An actuator according to claim 2, wherein a first one of said gear trains comprises a worm gear in meshing engagement with said output gear, said worm gear resisting back-drive of said output shaft.
4. (withdrawn)
5. (withdrawn)
6. (withdrawn)
7. (withdrawn)
8. (original) An actuator according to claim 1, wherein said output gear comprises a sun gear of a planetary gear system, and wherein said motors are coupled to said sun gear through a ring gear and planet gears of said planetary gear system.
9. (original) An actuator according to claim 8, wherein each of said motors is coupled to said sun gear by an associated gear train.

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10. (original) An actuator according to claim 9, wherein a first one of said gear trains comprises a worm gear in meshing engagement with said sun gear, said worm gear resisting back-drive of said output shaft.
11. (withdrawn)
12. (withdrawn)
13. (withdrawn)
14. (original- elected and unexamined) A window lift mechanism comprising:
a dual rack assembly having first and second opposed racks;
first and second pinions in meshing engagement with said first and second racks,
respectively; and
an actuator assembly comprising a plurality of motors for driving said first and second pinions along said first and second racks.
15. (original- elected and unexamined) A window lift mechanism according to claim 14,
wherein said first pinion is in meshing engagement with said second pinion, and
wherein said actuator assembly comprises an output shaft coupled to an output gear
and said first pinion, and wherein each of said motors is coupled through an
associated gear train to drive said output gear and said first pinion.
16. (original- elected and unexamined) A window lift mechanism according to claim 15,
wherein a first one of said gear trains comprises a worm gear, said worm gear
resisting back-drive of said output shaft.
17. (withdrawn)
18. (withdrawn)

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19. (withdrawn)

20. (withdrawn)

21. (withdrawn)

22. (withdrawn)

23. (withdrawn)

24. (withdrawn)

25. (withdrawn)

26. (withdrawn)

27. (withdrawn)

28. (withdrawn)

29. (withdrawn)

30. (withdrawn)

31. (withdrawn)

32. (withdrawn)

33. (original- elected and unexamined) An actuator for a window lift mechanism, said actuator comprising:
an output gear coupled to an output shaft for driving said mechanism;

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a worm gear coupled to said output gear for driving said output gear; and
a clutch coupled to said output gear for resisting back-drive of said output gear.

34. (original- elected and unexamined) An actuator according to claim 33, wherein said worm gear is coupled to said output gear through a planetary gear set.
35. (original- elected and unexamined) An actuator according to claim 33, wherein said worm gear comprises a high efficiency worm gear.
36. (original- elected and unexamined) An actuator according to claim 33, wherein said clutch comprises a gear train.
37. (original- elected and unexamined) An actuator according to claim 36, said actuator further comprising first and second motors for driving said worm gear and said gear train, respectively.
38. (original- elected and unexamined) An actuator according to claim 36, wherein said gear train comprises a second worm gear coupled to said output gear.
39. (original- elected and unexamined) An actuator according to claim 38, said actuator further comprising first and second motors for driving said worm gear and said second worm gear, respectively.
40. (original- elected and unexamined) An actuator according to claim 38, wherein said second worm gear is coupled to said output gear through a planetary gear set.
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41. (new) An actuator according to claim 1, wherein said plurality of motors comprises a first motor having a first torque ripple characteristic and a second motor having a second torque ripple characteristic, wherein said first torque ripple characteristic is at least partially out of phase with said second torque ripple characteristic to reduce vibration imparted to said actuator by said plurality of motors.
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